

SOUND ATTENUATING/ABSORBING LAMINATES
AND METHODS OF MAKING SAME

ABSTRACT OF THE DISCLOSURE

Vehicle cockpit assemblies and methods of installing same within vehicles are provided. A vehicle cockpit assembly includes a dash insulator that is configured to be attached to a vehicle firewall, an instrument panel attached to the dash insulator, and a floor covering also attached to the dash insulator. A plurality of apertures are formed through the dash insulator, each of which is configured to overlie a respective opening in a vehicle firewall when attached thereto. Each aperture is configured to sealably receive an item extending therethrough such that substantially no gaps exist between the item and the substrate. Polyurethane may be added to one or more selected portions of the dash insulator to reflect and/or absorb sound.